

In the Claims

1. (Currently amended) A method of execution by a processor for processing descriptions of audiovisual content, the method comprising:

creating a first description that describes a concept depicted in an existing audiovisual content;

defining, by the processor, reuse information pertaining to reuse of the first description, the reuse information indicating a type of reuse that is allowed; and

storing the first description and the reuse information ~~pertaining to reuse of the first description~~ in a repository of descriptive data to enable subsequent reuse of the first description, in accordance with the reuse information, to create a second description that describes a similar concept depicted in a new audiovisual content that is different than the existing audiovisual content.

2. (Original) The method of claim 1 wherein the first description is a semantic description.

3. (Original) The method of claim 1 wherein the first description is a description scheme.

4. (Currently amended) The method of claim 1 wherein the reuse information ~~pertaining to reuse of the first description~~ indicates whether the first description can be embedded into the second description without changing an intended meaning of the first description.

5. (Currently amended) The method of claim 1 wherein the reuse information ~~pertaining to reuse of the first description~~ indicates whether the first description can be divided into a plurality of partial descriptions, each of the plurality of partial descriptions being suitable for subsequent reuse.

6. (Currently amended) The method of claim 1 wherein the reuse information ~~pertaining to reuse of the first description~~ indicates whether the first description can be transformed when reused to create the second description.

7. (Currently amended) The method of claim 1 wherein the reuse information ~~pertaining to reuse of the first description~~ indicates whether the first description can maintain transitive capability when the first description is reused to create the second description.

8. (Original) The method of claim 1 further comprising:

reusing a plurality of descriptions stored in one or more repositories of descriptive data a number of times to provide de facto standardization of the plurality of descriptions by category.

9. (Current amended) A method of execution by a processor for reusing descriptions of audiovisual content, the method comprising:

finding existing descriptive data that describes a concept depicted in an existing audiovisual data that is similar to a concept depicted in a new audiovisual content that is different than the existing audiovisual content;

analyzing reuse information associated with the descriptive data, the reuse information indicating a type of reuse that is allowed; and

creating, by the processor in accordance with the associated reuse information, a new description for the new audiovisual content using the existing descriptive data and the associated reuse information.

10. (Original) The method of claim 9 wherein the new description is a semantic description.

11. (Original) The method of claim 9 wherein the new description is a description scheme.

12. (Original) The method of claim 9 wherein the descriptive data is at least a portion of one or more existing descriptions of audiovisual content.

13. (Original) The method of claim 9 further comprising:

retrieving the descriptive data from one or more repositories of descriptive data.

14. (Original) The method of claim 9 wherein creating the new description further comprises:

converting the existing descriptive data into a partial description; and  
mapping the partial description to the new description.

15. (Original) The method of claim 9 wherein creating the new description further comprises:

accessing a portion of the existing descriptive data in a repository of descriptive data; and

mapping the portion of the existing descriptive data to the new description.

16. (Original) The method of claim 9 wherein creating the new description further comprises:

performing dictionary mapping of objects in the existing descriptive data to corresponding objects in the new description.

17. (Original) The method of claim 9 wherein creating the new description further comprises:

including a reference to the existing descriptive data into the new description.

18. (Original) The method of claim 9 wherein the new description is created using a mechanism for performing graph operations.

19. (Original) The method of claim 9 wherein the new description is created using an object oriented inheritance mechanism.

20. (Original) The method of claim 9 wherein creating the new description further comprises:

extracting the existing descriptive data from a semantic mosaic that integrates a plurality of related descriptions.

21. (Currently amended) A method for dynamically reusing descriptions of audiovisual content, the method comprising:

creating a first description that describes a concept depicted in an existing audiovisual content;

defining reuse information associated with the first description, the reuse information indicating a type of reuse that is allowed; and

reusing the first description, by the processor, to create a second description that describes a similar concept depicted in a modified audiovisual content in accordance with the reuse information, the reuse being performed concurrently with creation of the modified audiovisual content, wherein the modified audiovisual content is different than the existing audiovisual content.

22. (Currently amended) A system for processing descriptions of audiovisual content, the system comprising:

means for creating a first description that describes a concept depicted in existing audiovisual content, the means for creating including a processor;

means for defining reuse information pertaining to reuse of the first description, the reuse information indicating a type of reuse that is allowed; and

means for storing the first description and the reuse information ~~pertaining to reuse of the first description~~ in a repository of descriptive data to enable subsequent reuse of the first description to create, in accordance with the reuse information, a second description that describes a similar concept depicted in a new audiovisual content that is different than the existing audiovisual content.

23. (Currently amended) An apparatus comprising:

a description processor to create a first description that describes a concept depicted in an existing audiovisual content;

a reuse information creator to define reuse information pertaining to reuse of the first description, the reuse information indicating a type of reuse that is allowed; and  
a repository of descriptive data to store the first description and the reuse information ~~pertaining to reuse of the first description~~ to enable subsequent reuse of the first description, in accordance with the reuse information, to create a second description that describes a similar concept depicted in a new audiovisual content that is different than the existing audiovisual content.

24. (Original) The apparatus of claim 23 wherein the first description is a semantic description.

25. (Original) The apparatus of claim 23 wherein the first description is a description scheme.

26. (Currently amended) The apparatus of claim 23 wherein the reuse information ~~pertaining to reuse of the first description~~ indicates whether the first description can be embedded into a second description of audiovisual content without changing an intended meaning of the first description.

27. (Currently amended) The apparatus of claim 23 wherein the reuse information ~~pertaining to reuse of the first description~~ indicates whether the first description can be divided into a plurality of partial descriptions, each of the plurality of partial descriptions being suitable for subsequent reuse.

28. (Currently amended) The apparatus of claim 23 wherein the reuse information ~~pertaining to reuse of the first description~~ indicates whether the first description can be transformed when reused to create a second description of audiovisual content.

29. (Currently amended) The apparatus of claim 23 wherein the reuse information ~~pertaining to reuse of the first description~~ indicates whether the first description can

maintain transitive capability if the first description is reused to create a second description of audiovisual content.

30. (Currently amended) A system for reusing descriptions of audiovisual content, the system comprising:

means for finding existing descriptive data that describes a concept depicted in an existing audiovisual data that is similar to a concept depicted in a new audiovisual content that is different than the existing audiovisual content;

means for analyzing reuse information associated with the descriptive data, the reuse information indicating a type of reuse that is allowed; and

means for creating, in accordance with the reuse information, a new description for the new audiovisual content using the existing descriptive data and the associated reuse information, the means for creating including a processor.

31. (Currently amended) An apparatus comprising:

a reuse module to find existing descriptive data that describes a concept depicted in an existing audiovisual data that is similar to a concept depicted in a new audiovisual content that is different than the existing audiovisual content, and to analyze reuse information associated with the descriptive data, the reuse information indicating a type of reuse that is allowed; and

a description processor to create, in accordance with the associated reuse information, a new description for the new audiovisual content using the existing descriptive data and the associated reuse information.

32. (Original) The apparatus of claim 31 wherein the new description is a semantic description.

33. (Original) The apparatus of claim 31 wherein the new description is a description scheme.

34. (Original) The apparatus of claim 31 wherein the descriptive data is at least a portion of one or more existing descriptions of audiovisual content.

35. (Original) The apparatus of claim 31 wherein the new description is created using a mechanism for performing graph operations.

36. (Original) The apparatus of claim 31 wherein the new description is created using an object oriented inheritance mechanism.

37. (Currently amended) A system for dynamically reusing descriptions of audiovisual content, the method comprising:

means for creating a first description that describes a concept depicted in an existing audiovisual content, the means for creating including a processor;

means for defining reuse information associated with the first description, the reuse information indicating a type of reuse that is allowed; and

means for reusing the first description, in accordance with the reuse information, to create a second description that describes a similar concept depicted in a modified audiovisual content in accordance with the reuse information, the reuse being performed concurrently with creation of the modified audiovisual content, wherein the modified audiovisual content is different than the existing audiovisual content.

38. (Currently amended) An apparatus comprising:

a description processor to create a first description that describes a concept depicted in an existing audiovisual content; and

a reuse information creator to define reuse information associated with the first description, the reuse information indicating a type of reuse that is allowed, the description processor to reuse the first description, in accordance with the reuse information, to create a second description that describes a similar concept depicted in a modified audiovisual content in accordance with the reuse information, the reuse being performed concurrently with creation of the modified audiovisual content, wherein the modified audiovisual content is different than the existing audiovisual content.

39. (Currently amended) A computer readable storage medium encoded with computer program instructions, which when executed on a processor, cause said processor to perform operations comprising:

- creating a first description that describes a concept depicted in an existing audiovisual content;

- defining reuse information pertaining to reuse of the first description, the reuse information indicating a type of reuse that is allowed; and

- storing the first description and the information pertaining to reuse of the first description in a repository of descriptive data to enable subsequent reuse of the first description, in accordance with the reuse information, to create a second description of a similar concept depicted in a new audiovisual content that is different than the existing audiovisual content.

40. (Currently amended) A computer readable storage medium encoded with computer program instructions, which when executed on a processor, cause said processor to perform operations comprising:

- finding existing descriptive data that describes a concept depicted in an existing audiovisual data that is similar to a concept depicted in a new audiovisual content that is different than the existing audiovisual data;

- analyzing reuse information associated with the descriptive data, the reuse information indicating a type of reuse that is allowed; and

- creating, in accordance with the associated reuse information, a new description for the new audiovisual content using the existing descriptive data and the associated reuse information.

41. (Currently amended) A computer readable storage medium encoded with computer program instructions, which when executed on a processor, cause said processor to perform operations comprising:

- creating a first description that describes a concept depicted in an existing audiovisual content;

defining reuse information associated with the first description, the reuse information indicating a type of reuse that is allowed; and

reusing the first description, in accordance with the reuse information, to create a second description that describes a similar concept depicted in a modified audiovisual content in accordance with the reuse information, the reuse being performed concurrently with creation of the modified audiovisual content, wherein the modified audiovisual content is different than the existing audiovisual content.